

OIE

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/867,274CRF Processing Date:
Edited by:
Verified by:7/3/2001

(STIC staff)

ENTERED

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was wrapped down to the next line.
- Edited a format error in the Current Application Data section, specifically:
-
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
-
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
-
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
-
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
-
- Deleted extra, invalid, headings used by an applicant, specifically:
-
- Deleted: non-ASCII "garbage" at the beginning/end of lines; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____
- Inserted mandatory headings, specifically:
-
- Corrected an obvious error in the response, specifically:
2507 response
-
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
-
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

seq 23 - moved C2137 explanation to C2237 line

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/867,274

DATE: 07/03/2001
TIME: 16:47:22

Input Set : A:\PTO.txt
Output Set: N:\CRF3\07032001\I867274.raw

5 <110> APPLICANT: Paszty, Christopher
6 Gao, Yongming
8 <120> TITLE OF INVENTION: Cysteine Knot Polypeptides: Cloaked-2 Molecules and Uses
Thereof
10 <130> FILE REFERENCE: 01017/37428
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/867,274
C--> 12 <141> CURRENT FILING DATE: 2001-05-29
12 <150> PRIOR APPLICATION NUMBER: US 60/208,550
13 <151> PRIOR FILING DATE: 2000-06-01
15 <150> PRIOR APPLICATION NUMBER: US 60/223,542
16 <151> PRIOR FILING DATE: 2000-08-04
18 <160> NUMBER OF SEQ ID NOS: 25
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 759
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 tactggagg tggcggtgccc tcctctggct ggtaccatgc agtccccact ggccctgtgt 60
31 ctcgtctgcc tgctggtaca cacagccttc cgtgttagtgg agggccaggg gtggcaggcg 120
33 ttcaagaatg atgccacgga aatcatcccc gagctcgag agtaccccgaa gcctccaccg 180
35 gagctggaga acaacaagac catgaaccgg gcggagaacg gagggcggcc tccccaccac 240
37 ccctttgaga ccaaagacgt gtccgagta agtgcgcgc agtgcactt caccgcgtac 300
39 gtgaccgatg ggccgtgccc cagcgccaag ccggtcaccg agtgggtgtg ctccggccag 360
41 tgcggcccccgg cgccctgtctccaaacgcccacgc atcggccgcg gcaagtgggtg ggcacccatgt 420
43 gggcccgact tccgctgcat ccccgaccgc taccgcgcgc agcgcgtgca gctgctgtgt 480
45 cccgggtgggtt aggccgcgcg cgccgcgcgaa gtgcgcctgg tggcctgtg caagtgcag 540
47 cgccctcaccc gcttcaccaa ccagtccggag ctcaaggact tcgggaccga ggccgcgtcg 600
49 ccgcagaagg gccggaaagcc gccggcccccgc gcccggagcg ccaaagccaa ccaggccgag 660
51 ctggagaacg cctactagag cccgcgcgc cccctcccca cccggccggcg ccccgccct 720
53 gaacccgcgc cccacatttc tgtcctctgc gcgtggttt 759
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 190
58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
65 Gln Gly Trp Gln Ala Phe Lys Asn Asp Ala Thr Glu Ile Ile Pro Glu
66 1 5 10 15
68 Leu Gly Glu Tyr Pro Glu Pro Pro Pro Glu Leu Glu Asn Asn Lys Thr
69 20 25 30
71 Met Asn Arg Ala Glu Asn Gly Gly Arg Pro Pro His His Pro Phe Glu
72 35 40 45
74 Thr Lys Asp Val Ser Glu Tyr Ser Cys Arg Glu Leu His Phe Thr Arg
75 50 55 60
77 Tyr Val Thr Asp Gly Pro Cys Arg Ser Ala Lys Pro Val Thr Glu Leu
78 65 70 75 80
80 Val Cys Ser Gly Gln Cys Gly Pro Ala Arg Leu Leu Pro Asn Ala Ile
81 85 90 95

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Input Set : A:\PTO.txt
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83 Gly Arg Gly Lys Trp Trp Arg Pro Ser Gly Pro Asp Phe Arg Cys Ile
 84 100 105 110
 86 Pro Asp Arg Tyr Arg Ala Gln Arg Val Gln Leu Leu Cys Pro Gly Gly
 87 115 120 125
 89 Glu Ala Pro Arg Ala Arg Lys Val Arg Leu Val Ala Ser Cys Lys Cys
 90 130 135 140
 92 Lys Arg Leu Thr Arg Phe His Asn Gln Ser Glu Leu Lys Asp Phe Gly
 93 145 150 155 160
 95 Thr Glu Ala Ala Arg Pro Gln Lys Gly Arg Lys Pro Arg Pro Arg Ala
 96 165 170 175
 98 Arg Ser Ala Lys Ala Asn Gln Ala Glu Leu Glu Asn Ala Tyr
 99 180 185 190
 102 <210> SEQ ID NO: 3
 103 <211> LENGTH: 636
 104 <212> TYPE: DNA
 105 <213> ORGANISM: Mus musculus
 107 <400> SEQUENCE: 3
 109 atgcagccct cactagcccc gtgcctcatc tgccatcttg tgcacgctgc cttctgtgtct
 111 gtggagggcc aggggtggca agccttcagg aatgatgcca cagaggtcat cccagggttt 60
 113 ggagagtacc ccgagccctcc tcctgagaac aaccagacca tgaaccgggc ggagaatggaa 120
 115 ggcagacccccc caccatcc ctatgacgcc aaagatgtgt ccgagtagacag ctgcgcgcgag 180
 117 ctgcactaca cccgttccct gacagacggc ccatgcccga gcgc当地agcc ggtcaccggag 240
 119 ttgggtgtct ccggccagtg cggcccccggc cggctgctgc ccaacgccc cgggcgcgtg 300
 121 aagtgggtggc gccccaaacgg accggatttc cgctgcattcc cggatcgcta cgcgcgcgag 360
 123 cgggtgcagc tgctgtgccc cggggggcgcg ggc当地gcgtc cgc当地aaggt gctgtggtg 420
 125 gcctcgta agtgc当地agcg cctcaccgc ttccacaacc agtgc当地agct caaggacttc 480
 127 gggccggaga cgc当地ggcc gcagaagggt cgcaagccgc ggccggccgc cgggggagcc 540
 129 aaagccaaacc aggccggagct ggagaacgccc tactag 600
 132 <210> SEQ ID NO: 4 636
 133 <211> LENGTH: 185
 134 <212> TYPE: PRT
 135 <213> ORGANISM: Mus musculus
 137 <400> SEQUENCE: 4
 139 Gln Gly Trp Gln Ala Phe Arg Asn Asp Ala Thr Glu Val Ile Pro Gly
 140 1 5 10 15
 142 Leu Gly Glu Tyr Pro Glu Pro Pro Pro Glu Asn Asn Gln Thr Met Asn
 143 20 25 30
 145 Arg Ala Glu Asn Gly Gly Arg Pro Pro His His Pro Tyr Asp Ala Lys
 146 35 40 45
 148 Asp Val Ser Glu Tyr Ser Cys Arg Glu Leu His Tyr Thr Arg Phe Leu
 149 50 55 60
 151 Thr Asp Gly Pro Cys Arg Ser Ala Lys Pro Val Thr Glu Leu Val Cys
 152 65 70 75 80
 154 Ser Gly Gln Cys Gly Pro Ala Arg Leu Leu Pro Asn Ala Ile Gly Arg
 155 85 90 95
 157 Val Lys Trp Trp Arg Pro Asn Gly Pro Asp Phe Arg Cys Ile Pro Asp
 158 100 105 110
 160 Arg Tyr Arg Ala Gln Arg Val Gln Leu Leu Cys Pro Gly Gly Ala Ala
 161 115 120 125

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Input Set : A:\PTO.txt
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163 Pro Arg Ser Arg Lys Val Arg Leu Val Ala Ser Cys Lys Cys Lys Arg
 164 130 135 140
 166 Leu Thr Arg Phe His Asn Gln Ser Glu Leu Lys Asp Phe Gly Pro Glu
 167 145 150 155 160
 169 Thr Ala Arg Pro Gln Lys Gly Arg Lys Pro Arg Pro Gly Ala Lys Ala
 170 165 170 175
 172 Asn Gln Ala Glu Leu Glu Asn Ala Tyr
 173 180 185
 176 <210> SEQ ID NO: 5
 177 <211> LENGTH: 213
 178 <212> TYPE: PRT
 179 <213> ORGANISM: Homo sapiens
 181 <400> SEQUENCE: 5
 183 Met Gln Leu Pro Leu Ala Leu Cys Leu Val Cys Leu Leu Val His Thr
 184 1 5 10 15
 186 Ala Phe Arg Val Val Glu Gly Gln Gly Trp Gln Ala Phe Lys Asn Asp
 187 20 25 30
 189 Ala Thr Glu Ile Ile Pro Glu Leu Gly Glu Tyr Pro Glu Pro Pro Pro
 190 35 40 45
 193 Glu Leu Glu Asn Asn Lys Thr Met Asn Arg Ala Glu Asn Gly Gly Arg
 194 50 55 60
 196 Pro Pro His His Pro Phe Glu Thr Lys Asp Val Ser Glu Tyr Ser Cys
 197 65 70 75 80
 199 Arg Glu Leu His Phe Thr Arg Tyr Val Thr Asp Gly Pro Cys Arg Ser
 200 85 90 95
 202 Ala Lys Pro Val Thr Glu Leu Val Cys Ser Gly Gln Cys Gly Pro Ala
 203 100 105 110
 205 Arg Leu Leu Pro Asn Ala Ile Gly Arg Gly Lys Trp Trp Arg Pro Ser
 206 115 120 125
 208 Gly Pro Asp Phe Arg Cys Ile Pro Asp Arg Tyr Arg Ala Gln Arg Val
 209 130 135 140
 211 Gln Leu Leu Cys Pro Gly Gly Glu Ala Pro Arg Ala Arg Lys Val Arg
 212 145 150 155 160
 214 Leu Val Ala Ser Cys Lys Cys Lys Arg Leu Thr Arg Phe His Asn Gln
 215 165 170 175
 217 Ser Glu Leu Lys Asp Phe Gly Thr Glu Ala Ala Arg Pro Gln Lys Gly
 218 180 185 190
 220 Arg Lys Pro Arg Pro Arg Ala Arg Ser Ala Lys Ala Asn Gln Ala Glu
 221 195 200 205
 223 Leu Glu Asn Ala Tyr
 224 210
 227 <210> SEQ ID NO: 6
 228 <211> LENGTH: 208
 229 <212> TYPE: PRT
 230 <213> ORGANISM: Mus musculus
 232 <400> SEQUENCE: 6
 234 Met Gln Pro Ser Leu Ala Pro Cys Leu Ile Cys Leu Leu Val His Ala
 235 1 5 10 15
 237 Ala Phe Cys Ala Val Glu Gly Gln Gly Trp Gln Ala Phe Arg Asn Asp

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238	20	25	30
240	Ala Thr Glu Val Ile Pro Gly Leu Gly Glu Tyr Pro Glu Pro Pro Pro		
241	35	40	45
243	Glu Asn Asn Gln Thr Met Asn Arg Ala Glu Asn Gly Gly Arg Pro Pro		
244	50	55	60
246	His His Pro Tyr Asp Ala Lys Asp Val Ser Glu Tyr Ser Cys Arg Glu		
247	65	70	75
249	Leu His Tyr Thr Arg Phe Leu Thr Asp Gly Pro Cys Arg Ser Ala Lys		80
250	85	90	95
252	Pro Val Thr Glu Leu Val Cys Ser Gly Gln Cys Gly Pro Ala Arg Leu		
253	100	105	110
255	Leu Pro Asn Ala Ile Gly Arg Val Lys Trp Trp Arg Pro Asn Gly Pro		
257	115	120	125
259	Asp Phe Arg Cys Ile Pro Asp Arg Tyr Arg Ala Gln Arg Val Gln Leu		
260	130	135	140
262	Leu Cys Pro Gly Gly Ala Ala Pro Arg Ser Arg Lys Val Arg Leu Val		
263	145	150	155
265	Ala Ser Cys Lys Cys Lys Arg Leu Thr Arg Phe His Asn Gln Ser Glu		160
266	165	170	175
268	Leu Lys Asp Phe Gly Pro Glu Thr Ala Arg Pro Gln Lys Gly Arg Lys		
269	180	185	190
271	Pro Arg Pro Gly Ala Lys Ala Asn Gln Ala Glu Leu Glu Asn Ala Tyr		
272	195	200	205

275 <210> SEQ ID NO: 7

276 <211> LENGTH: 24

277 <212> TYPE: DNA

C--> 278 <213> ORGANISM: Artificial

280 <220> FEATURE:

281 <223> OTHER INFORMATION: Artificial: PCR primer

283 <400> SEQUENCE: 7

285 tactggaagg tggcggtgcc tcct

288 <210> SEQ ID NO: 8

24

289 <211> LENGTH: 26

290 <212> TYPE: DNA

C--> 291 <213> ORGANISM: Artificial

293 <220> FEATURE:

294 <223> OTHER INFORMATION: Artificial: PCR primer

296 <400> SEQUENCE: 8

298 aaaccacgcg cagaggacag aaatgt

301 <210> SEQ ID NO: 9

26

302 <211> LENGTH: 29

303 <212> TYPE: DNA

C--> 304 <213> ORGANISM: Artificial

306 <220> FEATURE:

307 <223> OTHER INFORMATION: Artificial: PCR primer

309 <400> SEQUENCE: 9

311 gccagggttg gcaaggcttc aagaatgtat

29

314 <210> SEQ ID NO: 10

315 <211> LENGTH: 24

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316 <212> TYPE: DNA
C--> 317 <213> ORGANISM: Artificial
319 <220> FEATURE:
321 <223> OTHER INFORMATION: Artificial: PCR primer
323 <400> SEQUENCE: 10
325 cgatccggga tgcagcggaa gtcg
328 <210> SEQ ID NO: 11
329 <211> LENGTH: 27
330 <212> TYPE: DNA
24
C--> 331 <213> ORGANISM: Artificial
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Artificial: PCR primer
336 <400> SEQUENCE: 11
338 ccatccatac acgactcaat atagggc
341 <210> SEQ ID NO: 12
342 <211> LENGTH: 24
343 <212> TYPE: DNA
27
C--> 344 <213> ORGANISM: Artificial
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Artificial: PCR primer
349 <400> SEQUENCE: 12
351 tgtcaggaaag cgggtgtagt gcag
354 <210> SEQ ID NO: 13
355 <211> LENGTH: 23
356 <212> TYPE: DNA
24
C--> 357 <213> ORGANISM: Artificial
359 <220> FEATURE:
360 <223> OTHER INFORMATION: Artificial: PCR primer
362 <400> SEQUENCE: 13
364 actcaactata gggctcgagc ggc
367 <210> SEQ ID NO: 14
368 <211> LENGTH: 25
369 <212> TYPE: DNA
23
C--> 370 <213> ORGANISM: Artificial
372 <220> FEATURE:
374 <223> OTHER INFORMATION: Artificial: PCR primer
376 <400> SEQUENCE: 14
378 ggacacatct ttggcgatcat aggga
381 <210> SEQ ID NO: 15
382 <211> LENGTH: 21
383 <212> TYPE: DNA
25
C--> 385 <213> ORGANISM: Artificial
387 <220> FEATURE:
388 <223> OTHER INFORMATION: Artificial: PCR primer
390 <400> SEQUENCE: 15
392 tacaccccgct tcctgacaga c
395 <210> SEQ ID NO: 16
396 <211> LENGTH: 27
397 <212> TYPE: DNA
21

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/867, 274

DATE: 07/03/2001

TIME: 16:47:23

Input Set : A:\PTO.txt

Output Set: N:\CRF3\07032001\I867274.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:278 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:304 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:317 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:331 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:344 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:357 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
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L:385 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:398 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:411 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:424 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:438 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
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